

REMARKS

All claims have been amended to remove superfluous reference numerals, and to ensure that no claim is interpreted as a step-plus-function claim under 35 U.S.C. §112, sixth paragraph. No claims has been narrowed in view of any reason for patentability.

Claims 2 and 7 have been cancelled. Claims 3 and 6 have been amended to depend from claim 1.

A. The Rejections

Claim 7 was rejected under 35 U.S.C. §101 because the claimed invention is allegedly directed to non-statutory subject matter. Claim 7 has been cancelled.

Claims 1, 3, 5, and 7 were rejected under 35 U.S.C. §103(a) as being unpatentable over “Tetrahedral Finite Element Mesh Generation from NURBS Solid Models” (“Gürsoy”) in view of “Dual Contouring of Hermite Data” (“Ju”).

B. Allowable Subject Matter

The Examiner has indicated that claims 2, 4, and 6 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Accordingly, claim 1 has been amended to include the limitations of claim 2 and claims 3 and 6 have been amended to depend from claim 1. Thus, the Applicant respectfully asserts that the application is in condition for allowance.

CONCLUSION

In view of the present amendment, Applicants respectfully assert that claims 1, and 3-6 are in condition for allowance and a prompt notice of allowance is earnestly solicited.

The below-signed attorney for Applicants welcomes any questions.

Respectfully submitted,

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